

MAY. 27. 2003 10:14PM

JACOBSON, HOLMAN

NO. 607

P. 2

Attorney Docket No. P64765US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Peet KASK

Via facsimile

703-872-9318

Application No. : 09/779,461

Art Unit: 2878

Filed: February 9, 2001

Examiner: Shun K. Lee

For: FLUORESCENCE INTENSITY MULTIPLE DISTRIBUTIONS ANALYSIS: CONCURRENT DETERMINATION OF DIFFUSION TIMES AND MOLECULAR BRIGHTNESS

AMENDMENT

FAX RECEIVED

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

MAY 27 2003

TECHNOLOGY CENTER 2800

Sir:

Applicant submits by facsimile the instant Amendment in response to the Office Action mailed February 24, 2003.

IN THE ABSTRACT

Replace the abstract of record with the abstract attached hereto as a separate page.

IN THE SPECIFICATION

At page 15, between lines 21 and 22, insert:

BRIEF DESCRIPTION OF THE DRAWINGS

IN THE CLAIMS

05/29/2003 AJOHNS01 00 Cancel claims 18-37, without prejudice or disclaimer, and add claims as follows.

01 FC:1251

38.10.00 PH A method for characterizing samples having fluorescent particles, comprising the steps of:

- a) monitoring intensity fluctuations of fluorescence emitted by the particles in at least one measurement volume by detecting sequences of photon counts by at least one photon detector,
- b) determining from the sequences of photon counts intermediate statistical data comprising at least two probability functions, $\hat{P}_1(n_1)$, $\hat{P}_2(n_2)$, ..., of the number of photon counts, n_1, n_2, \dots , detected in different sets of counting time intervals,